

ASSIGNMENT OF QUEUE EXECUTION MODES USING TAG VALUES

Abstract of the Disclosure

5

The queue execution mode is selected based on the unique tag that is assigned to the command. In one method embodiment, a tag is assigned for each of several disc access commands sent by the host. Two or more queues are created, each having a queue execution mode. Which of the queues is assigned to the command depends on the command's tag.

10

One device embodiment comprises a data storage disc, a memory, and a controller. The memory is configured to hold several pending commands for accessing the disc(s), each of the commands having a unique tag. The controller is configured to execute each queued command according to a mode that is determined base on the command's tag.

15